

C L A I M S

- 09748450 122600
1. Method for running in parallel at least one parallel method (28) associated with a sequential caller program means, the method comprising the step of:

issuing (220) a dedicated parallelization call to a parallel program managing means (18,22,26) comprising all control information needed to allow for running said parallel method (28) in parallel.
 2. The method according to claim 1 further comprising the step of

serializing (210) input arguments for said subprogram means,

running (230, 240) said parallel method (28) in parallel on a different machine yielding a result ,

returning (250, 260, 270) said result to the caller program,

deserializing (280) the result.
 3. The method according to claim 1 further comprising the step of generating said parallel method (28) with a script program means which in turn is arranged to invoke a stream editor in order to fill a template means with the code or the name of the method (28) to be computed in parallel.
 - a 4. The method according to ~~the preceding claim~~ ^{Claim 3}, further comprising the step of

automatically generating the instantiation of said template means.
 - a 5. The method according to ~~the preceding claim~~ ^{Claim 4} in which a script is used for generating parallel subprograms.
 6. The method according to claim 1 in which said dedicated

parallelization call (220) is done more than once during the run of said caller program means.

- a 7. The method according to ^{Claim 6} ~~the preceding claim~~ in which the parallelization parameters are selectable for each dedicated parallelization call (220).

- Sub A1 8. The method according claim 1 comprising the step of using a program library which comprises program means for performing the steps according to the preceding claim 2 or 3.

9. A distributed computer system arranged for running in parallel at least one parallel method (28) associated with a sequential caller program means, said system comprising means for performing the ^{step} ~~steps~~ according to ^{Claim 1} ~~one of the preceding claims~~.

10. Computer program comprising code portions adapted for performing the steps according to the method according to ^{Claim 1} ~~one of the preceding claims 1 to 6~~ when said program is loaded into a computer device.

- a 11. Computer program product stored on a computer usable medium comprising computer readable program means for causing a computer to perform the method of ^{Claim 1} ~~any one of the claims 1 to 6~~.

- a 12. Program library comprising at least one of:

an implementation of an application interface for procedural POE calls (220) to a parallel program managing means (22,26),

template means for parallel subprogram means,

script means for generating parallel subprograms.

009221-122600

Claim 12

- a 13. The library according to ~~the preceding claim~~ which provides the prerequisites to generate user library functions that make parallelism transparent to a caller of said user library functions.
14. User library generated by means of the library according to claim 12.
- a 15. The library according to claim 12 ~~or claim 14~~ which is a dynamic link library.
16. A parallel program managing tool comprising program means for returning (250, 260, 270) results from parallel executable subprogram means.

00922T 0548450 122600